

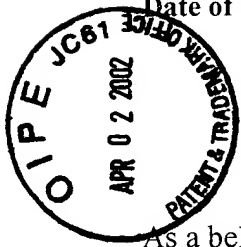
Express Mail Label No.

Date of Deposit:

09868123 .040202

PATENT APPLICATION

Attorney Docket No. 22058-514 NATL



**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled

**CYTOKINE RECEPTOR CHAIN**

the specification of which:

- ☒ was filed on **13 June 2001**, as PCT application **PCT/US99/29493**, and Nationalized in the United States as Serial No. **09/868,123** bearing Attorney Docket No. 22058-514 NATL.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

- ☒ I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<b>Application No.</b> (U.S.S.N.)	<b>Filing Date</b> (dd/month/yyyy)	<b>Status</b> (Patented, Pending, Abandoned)
09/211,335	14 Dec 1998	Abandoned

and to PCT International Application designating the United States:

<b>PCT Appln No.</b>	<b>US Serial No.</b>	<b>PCT Filing Date</b>	<b>Status</b>
PCT/US99/29493		13 Dec 1999	Abandoned

Applicant: Collins, et al.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	<u>39,586</u>	Shane Hunter	<u>41,858</u>
Ingrid Beattie	<u>42,306</u>	David E. Johnson	<u>41,874</u>
William Belanger	<u>40,509</u>	Christina Karnakis	<u>45,899</u>
Charles E. Bell	<u>48,128</u>	Kristin E. Konzak	<u>44,848</u>
Naomi Biswas	<u>38,384</u>	Cynthia Kozakiewicz	<u>42,764</u>
Bradford C. Blaise	<u>47,429</u>	Barry J. Marenberg	<u>40,715</u>
Sean M. Coughlin	<u>48,593</u>	A. Jason Mirabito	<u>28,161</u>
David F. Crosby	<u>36,400</u>	Michel Morency	<u>P-50,183</u>
Christopher J. Cuneo	<u>42,450</u>	Carol H. Peters	<u>45,010</u>
Brian C. Dauphin	<u>40,983</u>	Matthew Pavao	<u>P-50,572</u>
Brett N. Dorny	<u>35,860</u>	David Poirier	<u>43,007</u>
Marianne Downing	<u>42,870</u>	Michael Renaud	<u>44,299</u>
Ivor R. Elrifi	<u>39,529</u>	Brian Rosenbloom	<u>41,276</u>
Heidi A. Erlacher	<u>45,409</u>	Robert J. Sayre	<u>42,124</u>
John M. Garvey	<u>37,833</u>	C. Eric Schulman	<u>43,350</u>
James G. Gatto	<u>32,694</u>	Gregory J. Sieczkiewicz	<u>48,223</u>
Richard Gervase	<u>46,725</u>	Thomas M. Sullivan	<u>39,392</u>
Matthew J. Golden	<u>35,161</u>	Janine Susan	<u>46,119</u>
Sonia K. Guterman	<u>44,729</u>	Nicholas P. Triano III	<u>36,397</u>
John A. Harre	<u>37,345</u>	Howard Susser	<u>33,556</u>
Brian P. Hopkins	<u>42,669</u>		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747. Please address all correspondence to:

Ivor R. Elrifi  
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.  
One Financial Center  
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Applicant: Collins, et al.

Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

1-00 Mary Collins  
Signature of Mary Collins

March 8, 2002  
Date

Full Name of Inventor: Mary Collins  
Citizenship: United States  
Residence: 54 Rathburn Road  
Natick, MA 01760 MA  
Post Office: same as above

2-00 Debra Donaldson  
Signature of Debra Donaldson

March 12, 2002  
Date

Full Name of Inventor: Debra Donaldson  
Citizenship: United States  
Residence: 108 Blakely  
Medford, MA 02155 MA  
Post Office: same as above

3-00 Lori Fitz  
Signature of Lori Fitz

3/8/02  
Date

Full Name of Inventor: Lori Fitz  
Citizenship: United States  
Residence: 13 Palmer Street  
Arlington, MA 02174 MA  
Post Office: same as above

4-00 Tamlyn Neben  
Signature of Tamlyn Neben

\_\_\_\_\_  
Date

Full Name of Inventor: Tamlyn Neben  
Citizenship: United States  
Residence: 1115 Danforth Lane  
Walnut Creek, CA 94598 CA  
Post Office: same as above

**Applicant:** Collins, *et al.*

500 Matthew White

3/8/02

**Inventor's Signature:** Matthew J. Whitters  
**Full Name of Inventor:** Matthew J. Whitters  
**Citizenship:** United States  
**Residence:** 14 Brenton Wood Road  
 Hudson, MA 01749 *MA*  
**Post Office:** same as above

Date \_\_\_\_\_

6-01 Shwood

3/8/02

**Inventor's Signature:** Clive Wood  
**Full Name of Inventor:** Clive Wood  
**Citizenship:** United States  
**Residence:** 2 Hawthorne Place, #17R  
Boston, MA 02114 *MA*  
**Post Office:** Same

Date \_\_\_\_\_

<b>Inventor's Signature:</b>	<b>Marsha Wills-Karp</b>
Full Name of Inventor:	Marsha Wills-Karp
Citizenship:	United States
Residence:	615 North Wolfe Street Baltimore, MD 21205
Post Office:	Same

Date \_\_\_\_\_

Express Mail Label No.

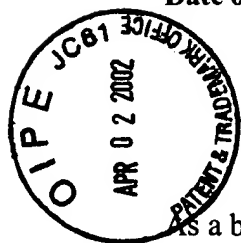
Date of Deposit:

09868123 .040202

PATENT APPLICATION

Attorney Docket No. 22058-514 NATL

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled

**CYTOKINE RECEPTOR CHAIN**

the specification of which:

- ☒ was filed on **13 June 2001**, as PCT application **PCT/US99/29493**, and Nationalized in the United States as Serial No. **09/868,123** bearing Attorney Docket No. 22058-514 NATL.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

- ☒ I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<b>Application No.</b> <i>(U.S.S.N.)</i>	<b>Filing Date</b> <i>(dd/month/yyyy)</i>	<b>Status</b> <i>(Patented, Pending, Abandoned)</i>
09/211,335	14 Dec 1998	Abandoned

and to PCT International Application designating the United States:

<b>PCT Appln No.</b>	<b>US Serial No.</b>	<b>PCT Filing Date</b>	<b>Status</b>
PCT/US99/29493		13 Dec 1999	Abandoned

Applicant: Collins, *et al.*

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
David F. Crosby	36,400	Michel Morency	P-50,183
Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747. Please address all correspondence to:

Ivor R. Elrifi  
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.  
One Financial Center  
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Applicant: Collins, et al

Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

---

**Signature of Mary Collins**

Full Name of Inventor: Mary Collins  
Citizenship: United States  
Residence: 54 Rathburn Road  
Natick, MA 01760  
Post Office: same as above

---

Date

---

**Signature of Debra Donaldson**

Full Name of Inventor: Debra Donaldson  
Citizenship: United States  
Residence: 108 Blakely  
Medford, MA 02155  
Post Office: same as above

---

Date

---

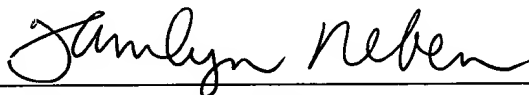
**Signature of Lori Fitz**

Full Name of Inventor: Lori Fitz  
Citizenship: United States  
Residence: 13 Palmer Street  
Arlington, MA 02174  
Post Office: same as above

---

Date

---

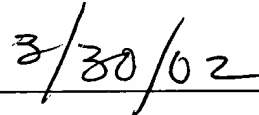


---

**Signature of Tamlyn Neben**

Full Name of Inventor: Tamlyn Neben  
Citizenship: United States  
Residence: 1115 Danforth Lane  
Walnut Creek, CA 94598  
Post Office: same as above

---

Date

Applicant: Collins, et al.

---

**Inventor's Signature:** Matthew J. Whitters  
**Full Name of Inventor:** Matthew J. Whitters  
**Citizenship:** United States  
**Residence:** 14 Brenton Wood Road  
Hudson, MA 01749  
**Post Office:** same as above

---

Date

---

**Inventor's Signature:** Clive Wood  
**Full Name of Inventor:** Clive Wood  
**Citizenship:** United States  
**Residence:** 2 Hawthorne Place, #17R  
Boston, MA 02114  
**Post Office:** Same

---

Date

---

**Inventor's Signature:** Marsha Wills-Karp  
**Full Name of Inventor:** Marsha Wills-Karp  
**Citizenship:** United States  
**Residence:** 615 North Wolfe Street  
Baltimore, MD 21205  
**Post Office:** Same

---

Date

TRA 1634110v1



Express Mail Label No.

Date of Deposit:

09868123 .040202

PATENT APPLICATION

Attorney Docket No. 22058-514 NATL

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled

**CYTOKINE RECEPTOR CHAIN**

the specification of which:

- ☒ was filed on **13 June 2001**, as PCT application **PCT/US99/29493**, and Nationalized in the United States as Serial No. **09/868,123** bearing Attorney Docket No. 22058-514 NATL.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

- ☒ I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<b>Application No.</b> <i>(U.S.S.N.)</i>	<b>Filing Date</b> <i>(dd/month/yyyy)</i>	<b>Status</b> <i>(Patented, Pending, Abandoned)</i>
09/211,335	14 Dec 1998	Abandoned

and to PCT International Application designating the United States:

<b>PCT Appln No.</b>	<b>US Serial No.</b>	<b>PCT Filing Date</b>	<b>Status</b>
PCT/US99/29493		13 Dec 1999	Abandoned

Applicant: Collins, et al.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
David F. Crosby	36,400	Michel Morency	P-50,183
Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747. Please address all correspondence to:

Ivor R. Elrifi  
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.  
One Financial Center  
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Applicant: Collins, *et al.*

Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

---

**Signature of Mary Collins**

Full Name of Inventor: Mary Collins  
Citizenship: United States  
Residence: 54 Rathburn Road  
Natick, MA 01760  
Post Office: same as above

---

Date

---

**Signature of Debra Donaldson**

Full Name of Inventor: Debra Donaldson  
Citizenship: United States  
Residence: 108 Blakely  
Medford, MA 02155  
Post Office: same as above

---

Date

---

**Signature of Lori Fitz**

Full Name of Inventor: Lori Fitz  
Citizenship: United States  
Residence: 13 Palmer Street  
Arlington, MA 02174  
Post Office: same as above

---

Date

---

**Signature of Tamlyn Neben**

Full Name of Inventor: Tamlyn Neben  
Citizenship: United States  
Residence: 1115 Danforth Lane  
Walnut Creek, CA 94598  
Post Office: same as above

---

Date

Applicant: Collins, et al.

**Inventor's Signature:** Matthew J. Whitters  
 Full Name of Inventor: Matthew J. Whitters  
 Citizenship: United States  
 Residence: 14 Brenton Wood Road  
 Hudson, MA 01749  
 Post Office: same as above

Date

**Inventor's Signature:** Clive Wood  
 Full Name of Inventor: Clive Wood  
 Citizenship: United States  
 Residence: 2 Hawthorne Place, #17R  
 Boston, MA 02114  
 Post Office: Same

Date

*7-0* *M. Wills-Karp*  
**Inventor's Signature:** Marsha Wills-Karp  
 Full Name of Inventor: Marsha Wills-Karp  
 Citizenship: United States  
 Residence: ~~615 North Wolfe Street~~  
 Baltimore, MD 21205  
 Post Office: Same

Date

*3/20/02*  
*1031 E. ROOKWOOD DRIVE*  
*CINCINNATI, OH 45208* *OH*

TRA 1634110v1